

APR 19 2005

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 872-8308, on the date shown below.	
Dated: 4/19/05	Signature: <i>Robert R. Richardson</i> (Robert R. Richardson)

Docket No.: BA1-99-137A (99-137A)  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Sherwin S. Chen et al.

Application No.: 10/019,459

Art Unit: 2636

Filed: December 26, 2001

Examiner: Brent Swarthout

For: VERTICAL SITUATION DISPLAY  
TERRAIN/WAYPOINT SWATH, RANGE TO  
TARGET SPEED, AND BLENDED  
AIRPLANE REFERENCE

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Non-Final Office Action dated November 3, 2004, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.

**RECEIVED**  
**CENTRAL FAX CENTER**

APR 19 2005

**FAX TRANSMISSION****DATE:** April 19, 2005**PTO IDENTIFIER:** Application Number 10/019,459-Conf. #5650  
Patent Number**Inventor:** Sherwin S. Chen et al.**MESSAGE TO:** US Patent and Trademark Office, Examiner B. Swarthout, Art Unit 2636**FAX NUMBER:** (703) 872-9306**FROM:** ROBERT R. RICHARDSON, P.S.

Robert R. Richardson

**PHONE:** (360) 692-0626**Attorney Dkt. #:** BA1-99-137A (99-137A)**PAGES (Including Cover Sheet):** 18**CONTENTS:** Three Month Request for Extension of Time Under 37 CFR 1.136(a) (1 page)  
Amendment in Response to Non-Final Office Action (11 pages)  
Amendment Transmittal and copy (2 pages)  
Transmittal (1 page)  
Credit Card Payment Form (1 page)  
Certificate of Transmission (1 page)

If your receipt of this transmission is in error, please notify this firm immediately by collect call to sender at (360) 692-0626 and send the original transmission to us by return mail at the address below.

This transmission is intended for the sole use of the individual and entity to whom it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. You are hereby notified that any dissemination, distribution or duplication of this transmission by someone other than the intended addressee or its designated agent is strictly prohibited.

**ROBERT R. RICHARDSON, P.S.**  
P.O. Box 2677, Silverdale, Washington 98383-2677  
Telephone: (360) 692-0626 Facsimile: (360) 692-6584

PTO/SB/97 (09-04)

Approved for use through 07/31/2006 OMB 0851-0031

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

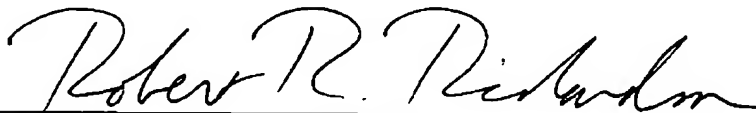
Application No. (if known): 10/019,459

Attorney Docket No.: BA1-99-137A (99-137A)

**Certificate of Transmission under 37 CFR 1.8**

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office.

on April 19, 2005  
Date



Signature

Robert R. Richardson

Typed or printed name of person signing Certificate

40,143

Registration Number, if applicable

(360) 692-0626

Telephone Number

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Three Month Request for Extension of Time Under 37 CFR 1.136(a) (1 page)

Amendment in Response to Non-Final Office Action (11 pages)

Amendment Transmittal and copy (2 pages)

Transmittal (1 page)

Credit Card Payment Form (1 page)

Fax Cover Sheet (1 page)

PTO/SB/21 (09-04)

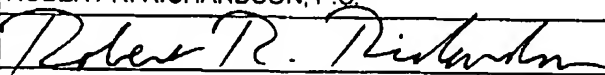
Approved for use through 07/31/2006. OMB 0851-0031

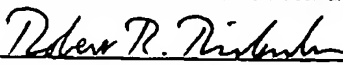
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<h1 style="text-align: center;">TRANSMITTAL FORM</h1> <p style="text-align: center;">(to be used for all correspondence after initial filing)</p>		Application Number	10/019,459-Conf. #5650
		Filing Date	December 26, 2001
		First Named Inventor	Sherwin S. Chen
		Art Unit	2636
		Examiner Name	B. Swarthout
Total Number of Pages in This Submission	18	Attorney Docket Number	BA1-99-137A (99-137A)

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Credit Card Payment Form (1 page) Fax Cover Sheet (1 page) Certificate of Transmission (1 page)
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	ROBERT R. RICHARDSON, P.S.		
Signature			
Printed name	Robert R. Richardson		
Date	April 19, 2005	Reg. No.	40,143

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 872-9306, on the date shown below.	
Dated: 4/19/05	Signature:  (Robert R. Richardson)

APR 19 2005

AMENDMENT TRANSMITTAL LETTER				Docket No. BA1-99-137A (99-137A)	
Application No. 10/019,459-Conf. #5650	Filing Date December 26, 2001	Examiner B. Swarthout	Art Unit 2636		
Applicant(s): Sherwin S. Chen et al.					
Invention: VERTICAL SITUATION DISPLAY TERRAIN/WAYPOINT SWATH, RANGE TO TARGET SPEED, AND BLENDED AIRPLANE REFERENCE					
<b>TO THE COMMISSIONER FOR PATENTS</b>					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	10	- 20 =		x	
Independent Claims	2	- 3 =		x	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify): Extension for response within third month					1,020.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					1,020.00
<input checked="" type="checkbox"/> Large Entity <span style="margin-left: 200px;"><input type="checkbox"/> Small Entity</span>					
<input type="checkbox"/> No additional fee is required for this amendment.					
<input type="checkbox"/> Please charge Deposit Account No. <u>503048</u> in the amount of \$ _____. A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.					
<input checked="" type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>503048</u> as described below. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
<u>Robert R. Richardson</u> Robert R. Richardson Attorney Reg. No.: 40,143  ROBERT R. RICHARDSON, P.S. P.O. Box 2677 Silverdale, Washington 98383-2677 (360) 692-0626				Dated: <u>April 19, 2005</u>	
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 872-9306, on the date shown below. Dated: <u>4/19/05</u> Signature: <u>Robert R. Richardson</u> (Robert R. Richardson)					

AMENDMENT TRANSMITTAL LETTER				Docket No. BA1-99-137A (99-137A)	
Application No. 10/019,459-Conf. #5650		Filing Date December 26, 2001		Examiner B. Swarthout	
				Art Unit 2636	
Applicant(s): Sherwin S. Chen et al.					
Invention: VERTICAL SITUATION DISPLAY TERRAIN/WAYPOINT SWATH, RANGE TO TARGET SPEED, AND BLENDED AIRPLANE REFERENCE					
<b>TO THE COMMISSIONER FOR PATENTS</b>					
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	10	- 20 =		x	
Independent Claims	2	- 3 =		x	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify): Extension for response within third month					1,020.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					1,020.00
<input checked="" type="checkbox"/> Large Entity <span style="margin-left: 200px;"><input type="checkbox"/> Small Entity</span>					
<input type="checkbox"/> No additional fee is required for this amendment.					
<input type="checkbox"/> Please charge Deposit Account No. <u>503048</u> in the amount of \$ <u>                    </u> . A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ <u>                    </u> to cover the filing fee is enclosed.					
<input checked="" type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>503048</u> as described below. (A duplicate copy of this sheet is enclosed.)					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
<u>Robert R. Richardson</u> Robert R. Richardson Attorney Reg. No.: 40,143  ROBERT R. RICHARDSON, P.S. P.O. Box 2677 Silverdale, Washington 98383-2677 (360) 692-0626				Dated: <u>April 19, 2005</u>	
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 672-9308, on the date shown below Dated: <u>4/19/05</u> Signature: <u>Robert R. Richardson</u> (Robert R. Richardson)					